

THE FRUIT OF GARDENIA WEISSICHII (RUBIACEAE)

Hawaiian Plant Studies 83

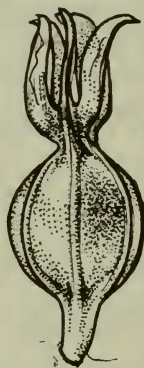
Harold St. John

Bishop Museum, Honolulu, Hawaii, 96818, USA.

Gardenia Weissichii St. John was recognized (1978) as the third species of the genus native to the island of Oahu. It was discovered in the Koolau Mountains at Malaekahana, and a single plant was successfully cultivated in the Wahiawa Botanic Garden, as no. 938. The type specimen was collected from this cultivated tree, and it consisted of herbage and flowers only. Now, it has at last fruited, and on Oct. 29, 1978 John Obata collected a fruiting branch, from which the following description and illustration is drawn.

The berry has the body 26 mm long, 23 mm in diameter, ellipsoid, but with 5 elevated, rounded, protruding ribs; at the apex with a 3 mm subcylindric neck; and above this the 24-25 mm calyx spurs, united for 5 mm, and free and as falcate lanceolate tips 18-20 mm long, and 4-5 mm wide, erect, but the tips outcurving.

Literature Cited
St. John, Harold, 1978.
Gardenia Weissichii of
Oahu Island (Rubiaceae),
Hawaiian Plant Studies
70. Phytologia 39:
108-111, one fig.



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